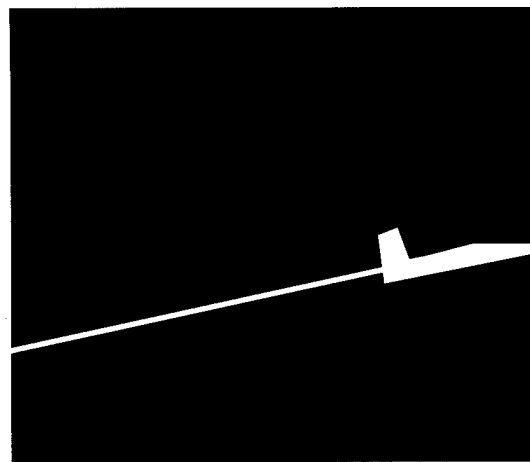


SID12221



SIDAC

Supportability Investment Decision Analysis Center

Contract No. F33657-92-2055/0060
CDRL A009, Data Item DI-MGMT-80057
Report No. SID/MR-94/0059

(Unclassified)

Task Assignment Plan

for

Combat Ammunition System Support

Prepared for

SSC/LGWE
201 E. Moore Dr.
Bldg 856, Room 102
Maxwell AFB, Gunter Annex, AL 36114-3005

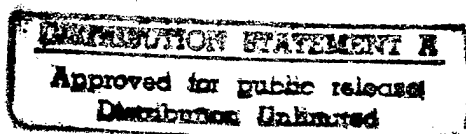
16 December 1994

Prepared by

Synergy, Inc.
1763 Columbia Road, NW
Washington, DC 20009

Submitted by

SIDAC
5100 Springfield Pike
Dayton, OH 45431-1231



19970127 108

DTIC QUALITY INSPECTED 1

REPORT DOCUMENTATION PAGEForm Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1213 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 16 December 1994	3. REPORT TYPE AND DATES COVERED Final	
4. TITLE AND SUBTITLE Task Assignment Plan for Combat Ammunition System Support			5. FUNDING NUMBERS C-F33657-92-2055/0060 DO NO 0060	
6. AUTHOR(S) Matthew Mitchell				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Synergy, Inc. 1763 Columbia Road, NW Washington, DC 20009			8. PERFORMING ORGANIZATION REPORT NUMBER SID12221	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) SSC/LGWE 201 East Moore Drive Bldg 856, Room 102 Maxwell AFB, Gunter Annex, AL 36114-3005			10. SPONSORING/MONITORING AGENCY REPORT NUMBER SID/MR-94/0059	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for Public Release; Distribution is Unlimited			12b. DISTRIBUTION CODE A	
13. ABSTRACT (Maximum 200 words) The goal of this project is to provide the CAS SPO with the analytical and technical support necessary to enhance or correct problems with existing CAS documentation and software components, evaluate CAS requirements documentation, and participate in CAS technical meetings. These activities are designed to enhance the CAS applications to more effectively support the Air Force munitions functional area.				
14. SUBJECT TERMS Technical Approach, Project Schedule and Milestones, Project Staffing and Experience			15. NUMBER OF PAGES 3	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT UL	



Synergy, Inc.
1763 Columbia Road, NW
Washington, DC 20009
202-232-6261
FAX: 202-232-8359

16 December 1994

Mr. Gary Lotti
SSC/LGWE
201 E. Moore Drive
Bldg 856, Room 102
Maxwell AFB,
Gunter Annex, AL 36114-3005

Dear Mr. Lotti:

Contract F33657-92-D-2055
SIDAC Task No. 73
Delivery Order No. 0060
CDRL A009, Data Item MGMT-80057

Enclosed is the Task Assignment Plan for *Combat Ammunition System Support*, as required under the above-referenced contract.

If you have questions, please contact me at 202-232-6261.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer J. Googins".

Jennifer J. Googins
Task Leader *mn*

JJG/wet

c: DCMAO (Mr. Leon Sulton) Letter Only
SIDAC (Mr. Heston Hicks)

Contract Number F33657-92-D-2055
SIDAC Task Number 73, D.O. 0060
CDRL A009, Data Item No. DI-MGMT-80057

(Unclassified)

Task Assignment Plan
on
Combat Ammunition System Support

Prepared for

SSC/LGWE
201 E. Moore Drive
Bldg 856, Room 102
Maxwell AFB,
Gunter Annex, AL 36114-3005

16 December 1994

Prepared by

Synergy, Inc.
1763 Columbia Road, NW
Washington, DC 20009-2834

Submitted by

SIDAC
5100 Springfield Pike, Suite 120
Dayton, Ohio 45431-1231

Task Assignment Plan on Combat Ammunition System Support

Introduction

The Air Force designed the Combat Ammunition System (CAS) to provide accurate munitions information to different warfighting commodities in a timely manner. The CAS applications provide automated improvements to the previously manual munitions reporting mechanisms, automate a wide range of munitions support functions, and maintain a central munitions database. CAS is a multiechelon minicomputer logistics system with installations at bases, MAJCOMs, and HQ USAF. In addition, CAS includes a personal computer application to support deployed units.

To maintain a viable logistics capability assessment architecture, the CAS system program office (SPO) requires analytical and technical support to sustain and improve CAS worldwide operations.

Goals and Objectives

The goal of this project is to provide the CAS SPO with the analytical and technical support necessary to enhance or correct problems with existing CAS documentation and software components, evaluate CAS requirements documentation, and participate in CAS technical meetings. These activities are designed to enhance the CAS applications to more effectively support the Air Force munitions functional area.

Technical Approach

The work breakdown structure for this task can be divided into four high-level work areas.

The first work area is CAS documentation analysis and update. The CAS SPO will present recommendations for changes and corrections of CAS documentation to Synergy. Synergy will analyze the recommendations and make the appropriate modifications.

The second work area is requirements analysis. Synergy will provide analysis of CAS requirements documentation. At the conclusion of the analysis, Synergy will provide recommendations for changes and improvements, including cost and schedule estimates to implement the recommendations.

The third work area is program analysis, modifications, and testing. The CAS SPO will present Synergy with recommendations for changes, corrections, or improvements of CAS software components to Synergy. Synergy will analyze the recommendations. Upon conclusion of the analysis, Synergy will make the necessary modifications and test the new software to ensure the updated programs satisfy the SPO recommendations and successfully integrate with existing CAS software components.

The fourth work area is technical meetings. Synergy will participate in technical meetings as directed by the CAS SPO. Synergy will generate supporting documentation as required.

Inputs

Synergy will require access to CAS documentation as part of its documentation analysis and update, CAS requirements documentation as part of its requirements analysis, and CAS software components and all associated hardware and software as part of its program analysis, modifications, and testing.

Project Schedule and Milestones

Table 1 provides a project timeline for this task order.

Table 1. Project Timeline

DELIVERABLE	DUE DATE
Contractor's Progress Status and Management Report (CDRL A004)	Monthly
Task Assignment Plan (CDRL A009)	12 October 1994
Technical Report/Study Services, Software Unit Specification Update (CDRL A001A)	21 December 1994
Technical Report/Study Services, Security Design Document (CDRL A001B)	21 December 1994
Technical Report/Study Services, Software Unit Specification Change Pages (CDRL A001A)	20 February 1995
Technical Report/Study Services, Software Unit Specification Change Pages (CDRL A001A)	20 April 1995
Technical Report/Study Services, Software Unit Specification Change Pages (CDRL A001A)	19 June 1995
Technical Report/Study Services (CDRL A001C)	12 September 1995

Deliverables

The following documents will be delivered as part of this project.

Technical Report/Study Services, Software Unit Specification (SUS) Update (CDRL A001A) — This document provides a design for each CAS-C software unit. Updates to the SUS will be issued four times throughout the contract.

Technical Report/Study Services, Security Design Document (CDRL A001B) — The security design document will outline the security features of the CAS-C system.

Technical Report/Study Services (CDRL A001C) — The Technical Report will document the project activities and analysis results.

Contractor's Progress Status and Management Report (CDRL A004) — This report will be delivered monthly to inform the SIDAC COTR of the progress of this project.

Task Assignment Plan (CDRL A009) — The Task Assignment Plan establishes the goals and technical approach to be used in this project.

The following deliverables may be delivered on an as-required basis.

Conference Minutes (CDRL A003) — Conference Minutes will document decisions and agreements reached during formal joint contractor/Government conferences.

Software Programmers Manual (SPM) (CDRL A005) — The SPM will provide the information necessary to interpret, troubleshoot, or modify existing software.

Software Users Manual (CDRL A006) — The Software Users Manual will describe procedures for using the software system.

Presentation Materials (CDRL A007) — Presentation Materials will be developed as required to support conferences and briefings.

Computer Program End Item Documentation (CDRL A012) — Source and object program listings will be provided as appropriate.

Project Staffing and Experience

The key personnel for this task are Ms. Jennifer Googins, Mr. Phil Nelson, and Mr. Gary Sharpe.

Ms. Googins has more than 10 years experience as an analyst in the information systems industry, and more than 3 years experience as a deputy program manager and analyst on CAS development efforts.

Mr. Nelson has more than 9 years experience programming Air Force applications, and more than 4 years experience as a technical manager and programmer on CAS development efforts. He has a B.S. in Management Information Systems from Utah State University.

Mr. Sharpe spent more than 20 years in the Air Force working in different capacities in the munitions functional area. He spent 4 years as a logistician defining and documenting CAS system and functional requirements, and has spent more than 2 years as an analyst and technical writer on CAS development efforts.

Points of Contact

Government point of contact (POC)

<u>Name</u>	<u>Organization</u>	<u>Commercial Phone #</u>
Mr. Gary Lotti	SSCLGWE	205-416-2296

SIDAC POC

Mr. Heston Hicks	Special Projects Office	513-258-6776
------------------	-------------------------	--------------

Synergy POCs

Ms. Jennifer Googins	Synergy, Inc.	202-232-6261
Mr. Gary Sharpe	Synergy, Inc.	205-270-3201
Mr. Phil Nelson	Synergy, Inc.	801-393-0001